

305M

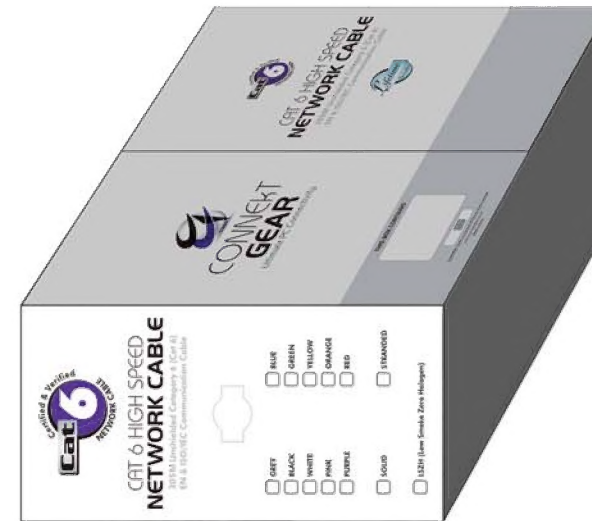
Unshielded Category 6 (Cat 6) EN & ISO/IEC Communication Cable

Electrical Performance (At 250MHz)

- Phase delay: 570-536 ns/100m max. At b=1MHZ-250MHZ
- Delay skew: <45ns/100m at b=1-250MHZ
- Voltage resistance: <80V
- Pair to ground capacitance unbalance (PF/100M) 330Max
- Conductor DC resistance 20% (ohms/km) <73.2
- Resistance Unbalance (%) 5
- Before Tensile strength (Mpa) ≥ 13.8
- Aging Elongation (%) ≥ 100
- Aging condition (C xhrs) 100×240
- After Tensile strength (Mpa) $\geq 85\%$ of unaged
- Aging Elongation (%) $\geq 50\%$ of naged
- Storage temperature: -20℃- +75℃
- Temperature range for installations: 0℃- +50℃
- Temperature range in operation: -20℃- +60℃

Cable Data

- AWG: 24
- Conductor Dia(mm): 0.02mm (± 0.01 mm)
- Insulation: PE
- Average thickness (± 0.03 mm): 0.22
- Min point thickness: 0.18
- Insulation Dia(± 0.03 mm): 0.9
- Twisting lay length(mm): 30 underneath
- Cabling lay length (mm): 200 underneath
- Jacket: LSZH
- Average thickness: 0.5
- Min point thickness: 0.43
- Outer Dia (± 0.01 mm): 5.8
- Rip cord: Yes
- Weight Nom (kg/305m) 8.52
- Core color: Blue-white/blue
Orange-white/orange
Green-white/green
Brown-white/brown



Product Code: 31-0305UG

Specifications

1. UTP CAT 6 Stranded EN & ISO/IEC Communication cable
2. 4 Pairs *2*7*0.2mm (24AWG)
3. Conductor diameter: 0.2mm
4. Jacket material: LSZH (Low Smoke Zero Halogen)
5. Colour: Grey
6. Length: 305M
7. RoHS & Reach Compliant

WIRING MAP

P1	COLOR	P2
1	WHITE/ORANGE	1
2	ORANGE	2
3	WHITE/GREEN	3
4	BLUE	4
5	WHITE/BLUE	5
6	GREEN	6
7	WHITE BROWN	7
8	BROWN	8